#2 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,197

DATE: 08/10/2001 TIME: 08:04:44

Input Set : A:\ISPH-593_Seq_ASCII.txt
Output Set: N:\CRF3\08102001\I919197.raw

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3 <110> APPLICANT: Rosanne M. Crooke
               Mark J. Graham
       7 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1
 EXPRESSION
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 C--> 11 <141> CURRENT FILING DATE: 2001-07-31
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      46 <221> NAME/KEY: intron
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      50 <222> LOCATION: (850)...(1091)
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      58 gtaggcagca ccggcccgtc cagctatgtg cacctcatcg cacctgccgg gaggccttgg 180
      59 atgttctggc caagacagtg gccttcctca ggaacctgcc atccttctgg cagctgcctc 240
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64 ttagccccaa ggaatatgcc tgcctgaaag ggaccatcct cttcaacccc gataaagaaa 540

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,197

DATE: 08/10/2001 TIME: 08:04:44

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	6 ggattcatac ccaggaagcc taattcttaa cc				
	7 gatggatgaa tacattgaaa attgataaat aa				
68	8 gtgggacctc aaaggccgag caaaggaggc ag	aggggtgt	ctctgatggc	ccagatcttg	780
	9 ggccagtctt gtcctttggt ggctgggagt ag				
	O tgcccacaga tgtgccaggc ctccaagccg cc				
	1 etcaetgggt getgtgtgaa gteetggaac ee				
	2 ecegtyteet ceteaeggee tecaecetea ag				
	3 tottotttog coctatoatt ggagatgttg aca				
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76	6 cagcacttgg ctccttagga acagctcttc act	tcagccac	accccacatt	ggacttcctt	1260
77	7 ggtttggacá cagtgctcca gctgcctggg agg	gcttttgg	tggtccccac	agcctctggg	1320
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79	9 agtoctatog actttataca gaactgaatt aag	gttattga	tttttgtaat	aaaaggtatg'	1440
80) aaacactaaa aaaaaa	_	· .		1456
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,197

DATE: 08/10/2001 TIME: 08:04:44

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			THER			TION	: PC	R Pr	imer									
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139	<21	2> T	YPE:	DNA			•			/								
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159	aycı	-999	aay	aaac	ayya	ac a	ayato	acta	a CC		Ser))
160										ME L	261	261	GIY	5111	ser	GIY		
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			Pro														•	101
164	Val	Cys	10	Cys	GIII	GIY	Ser	15	СТА	AIG	PIO	1111	20	Leu	туг	АІА		
	a++	ata		000	200	000	200		5.00	000	~++	~~~		~~~	+ a+	a2 a		149
			agc															147
168		25	Ser	PIO	. Set	PIO	30	1111	AIG	PIO	val	35	PIO	АТа	ser	птѕ		
				a+ a	+~~	00.0				aat	~+~		a+~	+~+	~at			107
			tgc														•	197
172	40	HIS	Cys	Leu	Cys		GIII	GIII	Arg	PIO		Arg	ьeu	Cys	нта	55		
		~~~	200	+~~	200	45	~~~	++~	~-+	a+ a	50	~~~	222		~+ -			245
			acc														•	245
	HIS	Arg	Thr	Cys		GIU	Ата	Leu	Asp		Leu	Ата	гуѕ	Thr		Ата		
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			agg														•	293
	Pne	Leu	Arg		Leu	Pro	ser	Pne		HIS	ьeu	Pro	HIS		Asp	GIN		
180				75	•				80					85				
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184			90					. 95					100					
			gat														. :	389
	Ala		Asp	Ala	Val	Thr		GLu	Val	Ala	GLu		Pro	Val	Pro	Ser		
188		105					110					115	_			_		
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191	ITe	Leu	Lys	Lys	Ile	Leu	Leu	Glu	Glu	Ala	Ser	Ser	Gly	Thr	Gln	Gly		

RAW SEQUENCE LISTING DATE: 08/10/2001 PATENT APPLICATION: US/09/919,197 TIME: 08:04:44

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	199	Leu	Gln	Arg	Cys	Leu	Glu	Ser	Phe	$\mathtt{Trp}$	Ser	Leu	Glu	Leu	Gly	Pro	Lys	
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	207	Gly	Leu	Arg	Ala	Ser	Cys	His	Ile	Ala	His	Leu	Gln	Gln	Glu	Ala	His	
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		ggc																773
	219	Gly	Thr	Leu		Val	Asp	Leu	Phe	Phe	Arg	Pro	Ile	Met	Gly	Asp	Val	
	220				235				•	240					245			
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		Asp	Ile		Glu	Leu	Leu	Glu		Met	Leu	Leu	Leu					
	224			250					255		•			260				
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RAW SEQUENCE LISTING PATENT APPLICATION: US/09/919,197

DATE: 08/10/2001 TIME: 08:04:44

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/919,197

DATE: 08/10/2001 TIME: 08:04:45

Input Set : A:\ISPH-593_Seq_ASCII.txt Output Set: N:\CRF3\08102001\1919197.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date